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ABSTRACT

Four hundred sixty-nine high school students in six high schools were surveyed in order to obtain information regarding their postsecondary plans and goals, career preferences, educational/training preferences, and opinions about Roane State Community College. Among the findings revealed by the survey were: (1) an overall trend of increasing indecision on the part of seniors about plans after high school; (2) a majority of seniors were contemplating some form of education after high school whether or not they had a specific educational goal in mind at the time they were surveyed; (3) both educational program choices and occupational field choices were statistically significant by sex, with women notably selecting traditional fields; (4) 10% of the students planned to attend a junior/community college, 34% a four-year institution, and 25% a vocational/technical school; (5) cost of attendance, academic reputation, and location were cited as the most important factors influencing choice of a postsecondary institution; and (6) nearly half of the respondents planned to apply for some form of financial assistance. Extensive data analyses are included in the report and the raw data are appended. (JDS)

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HIGH SCHOOL SENIOR STUDY

OFFICE OF INSTITUTIONAL RESEARCH

ROANE STATE COMMUNITY COLLEGE

WINTER 1977

BEST COPY AVAILABLE

JC 770 215

PREFACE

This High School Senior Study was conducted to provide the college, TAEC superintendents and TAEC staff with data on area high school seniors including postsecondary plans and goals, career preferences, educational/training preferences and opinions about Roane State Community College.

Appreciation is expressed to all those involved in the production of this study, including TAEC staff, participating TAEC superintendents and the following RSCC personnel: Dr. Agnes NamKung, Anne Powers, Jerry Guinn and Ann Alley.

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I. SUMMARY

Survey Results: The results of the High School Senior Survey reveal an overall trend of increasing indecision on the part of seniors about plans after high school. A majority, however, are contemplating some form of continued education after high school, although educational plans may not be formulated as to content and time frame.

- The mean rating regarding how well high school had prepared seniors for occupations or education after high school was 2.7 - slightly above average. The response is statistically significant (at .05) by high school and (at .01) by system/county.
- 60% of the respondents planned to continue education after high school on either a part-time or full-time basis; 15% were undecided. The response is statistically significant (at .01) by sex, by high school and by system/county.
- Respondents indicated a low 5% for high school counselors and teachers respectively regarding the person seniors thought had been most influential on their plans for after high school. The response is statistically significant (at .01) by high school and by system/county.
- Within the occupational field choices offered in the survey, business and office occupations drew the largest response (15%), followed by health occupations (8%) and construction-related occupations (7%); 13% were undecided. At most, 31% chose fields requiring a baccalaureate or graduate or professional degree. The response is statistically significant (at .01) by sex (with women notably entering traditional fields), by high school and by system/county.
- Within the top ten educational program choices offered at RSCC, 74% selected a College Transfer Program, 16% chose a two-year Career Education program (associate degree) and 12% of the respondents were undecided. The response is statistically significant (at .01) by sex, by high school and by system/county. Eyeballing the data for the top fifteen choices by sex reveals that the College Transfer programs and the one-year Career Education programs are skewed traditionally. Some two-year Career Education programs, however, are skewed non-traditionally (notably Accounting Technology and Police Science and Criminology).
- 29% of the respondents were undecided about the highest level of post-secondary education they expected to complete after high school - an indicator of non-specific plans for after high school. 16% indicated

no educational plans beyond high school (compared with 22% earlier in the survey indicating no plans for further education). The response is statistically significant (at .01) by sex - more women than men planned to complete one-year and two-year programs in a 3:1 ratio. The response is also statistically significant (at .01) by high school and by system/county.

- Of those indicating plans to continue education, 67% responded they planned to attend on either a full-time or part-time basis; 32% were undecided. There was a 6% non-response (based on the total survey respondents). The response is statistically significant (at .01) by high school and by system/county.
- Regarding the type of educational institution they planned to attend (if planning to continue education), 34% indicated a four-year institution, 25% indicated a vocational or business school, 10% indicated a junior or community college and 24% were undecided. The response is statistically significant (at .05) by sex. Eyeballing the data shows that 6% more women planned to attend business or vocational schools; 2% more women planned to attend junior or community colleges; 5% more men planned to attend four-year colleges/universities and 3% more women were undecided. The response is also statistically significant (at .01) by high school and by system/county.
- Only 25 of 457 respondents planned to attend RSCC, with 84 undecided. The response is statistically significant (at .05) by sex. 2% more women planned to attend RSCC. The response is also statistically significant (at .01) by high school and by system/county.
- Regarding the time of day respondents planned to attend RSCC, 58 replied Day, 17 replied Evening, 11 replied Both and 106 replied Undecided (192 total reponses). The response is significant (at .01) by high school and (at .05) by system/county.
- The top three (3) factors rated by senior respondents as most important in choosing a college or university were respectively: 1) cost of attending (29%), 2) academic reputation (28%) and 3) location (21%). The response is statistically significant (at .01) by sex. 9% more women replied cost of attending, 3% more women replied academic reputation and 2% more women replied location. The response is also statistically significant (at .01) by high school and (at .05) by system/county.

I. continued

- Regarding applying for financial aid, 44% of the respondents replied Yes, 26% replied No and 28% were Undecided. The response is statistically significant (at .01) by sex. 5% more women planned to apply for financial aid. The response is also statistically significant (at .01) by high school and by system/county.
- 28% of senior respondents replied that they had "heard of RSCC" via friends; 23% indicated high school counselor or teacher. All RSCC-generated publicity received a 12% response or less. The response is statistically significant (at .01) by sex, by high school and by system/county.
- Only 5% of the respondents had heard the weekly RSCC radio programs. The response is statistically significant (at .01) by high school and by system/county. It is not statistically significant by sex.
- The mean rating of RSCC's reputation by seniors is 2.7 or slightly above average. The response is statistically significant (at .05) by high school, but it is not statistically significant by system/county or by sex.

Implications for RSCC:

Potentially RSCC could be servicing high school graduates to an even greater extent than it is presently. The results of the survey indicate that RSCC has the opportunity to attract more than 84% of area high school seniors to its campus (based on the six high schools reporting results). This opportunity is reinforced by seniors' response that overall 1) cost of attending, 2) academic reputation and 3) location were the top three ranking factors in choosing a college or university.

Implications for Area High Schools:

Using the following indicators:

1) the overall trend of indecision among seniors about plans after high school
2) the low percentages (5% respectively) received by high school

counselors and teachers regarding the most influential person in seniors' plans for after high school

3) the 32% figure indicating "No One" as most influential in seniors' plans for after high school
4) the 57% overall "average" rating received by area high schools regarding how well seniors felt prepared for occupations or education after high school
5) the fact that a total of 136 seniors responded "undecided" about the highest level of education they expected to complete (almost 1/3 of the total seniors returning the survey)

the area high schools need to evaluate how they could more effectively be servicing their students in the area of career counseling by counseling and teaching professionals who know both the current area job market and the future area job market. Students should be encouraged to consider educational programs/training beyond high school for occupational fields in which they have potential. They need objective information from which to make plans that friends and parents may not be able to provide them. In addition, high school students, especially female students, need to be encouraged to consider entering non-traditional fields.

II. INTRODUCTION

In March, 1976 this research project was initiated in cooperation with the Tennessee Appalachia Educational Cooperative (TAEC), which serves the public school systems of Roane, Morgan, Scott and Anderson counties. The project was designed to survey the plans and opinions of the TAEC area high school seniors. Since almost 70% of RSCC's students are drawn from the four TAEC counties, information about their postsecondary plans is important to future college development.

Objectives of the survey included the collection and analysis of information about:

a. student postsecondary plans and goals
b. student career preferences
c. student educational/training preferences
d. student opinions about RSCC

III. RESEARCH DESIGN

On March 3, 1976 a proposal to conduct the research project was presented to the TAEC Board and approved. The survey instrument was designed (see Appendix G) and mailed to each Superintendent for examination and criticism. No changes were suggested. In April the TAEC distributed packets of surveys for each high school to the Superintendents. Completed surveys were received from 6 of the 15 TAEC high schools (3 of the 7 systems). The surveys were collected in May and forwarded to RSCC for coding, keypunching and statistical analysis. This process took a great deal of time, due to complications in data analysis. The data is presented to the RSCC staff, TAEC staff and all TAEC superintendents for their use.

IV. INTERPRETATION OF THE DATA

A. TOTAL SURVEY RESPONSES

A total of 469 high school seniors completed the High School Senior Survey at the following area high schools:

183	(39%)	Clinton High School
64	(14%)	Norris High School
31	(7%)	Oakdale High School
49	(10%)	Sunbright High School
63	(13%)	Wartburg Central High School
80	(17%)	Scott High School
469T		

Observations about the survey: proceeding through the survey results, it can be observed that there was an overall change in the nature of the responses. The results reveal an overall trend of increasing indecision on the part of seniors about plans after high school. It appears that a majority of seniors are contemplating some form of education after high school, whether or not they had a specific educational goal in mind at the time the survey was completed.

There are some restrictions regarding these observations, however. The trend could be attributed, in part, to the nature of the questions in the survey which ranged from the direct to the conditional (questions predicated by "if"). The nature of the conditional questions did not always permit students to indicate that they had no plans for education after high school. In these instances, there were two possible options for the respondents. In an effort to complete the questionnaire as requested, it is probable that some students, for whom there was no related response to check, simply indicated "undecided." Not responding to some conditional questions would also be accounted for by the lack of an answer option for those not planning to continue their education. The results from these two response options, however, are not completely reliable because they were not used with consistency by the respondents. In addition, a few seniors "wrote in" their own responses to indicate that they did not fit into any of the categories listed on the survey for a particular question. No space was allocated for this procedure in most questions, thereby not encouraging other responses. On the other hand, the results seem to bear out the observation that as more options and ideas were presented for the consideration of the respondents, more seniors reflected an increasing and real indecision about their specific plans for after high school.

The overall responses to the 17 survey questions are as follows:

1. Sex (indication):

246	(52%)	Female
222	(47%)	Male
468T		

2. How well do you think your high school prepared you for your occupation after high school or to continue your education after high school? (Rated on a 1 - 5 basis):

52	(11%)	1 Very well
92	(20%)	2
262	(57%)	3 Average
30	(7%)	4
23	(5%)	5 Very poorly
459T		

The mean ($\overline{X}$) rating = 2.7. The 57% "average" rating is reflected in the tabulations by high school as follows: Clinton High School (53%); Norris High School (45%); Oakdale High School (71%); Sunbright High School (77%); Wartburg Central High School (57%) and Scott High School (58%).

3. What are your plans after high school?

94	(20%)	Work full-time, no further education
84	(18%)	Continue education full-time, no job
194	(42%)	Combine education and work
7	(1%)	Marriage with no plans for a job or more education
18	(4%)	Military service
70	(15%)	Undecided or Other
467T		

60% (278) of the respondents planned to continue their education after high school either on a full-time or a part-time basis. Within the tabulations by high school (see Appendices A through F), seniors planning to continue their education are as follows: Clinton High School (71%); Norris High School (76%); Oakdale High School (65%); Sunbright High School (39%); Wartburg Central High School (57%) and Scott High School (38%). The "undecided" response should be noted here, too: Clinton High School (11%); Norris High School (9%); Oakdale

High School (13%); Sunbright High School (21%); Wartburg Central High School (11%) and Scott High School (29%).

4. What person has been most influential in your plans for after high school?

207	(44%)	Parent(s) or relative(s)
58	(13%)	Friend(s)
24	(5%)	High School Teacher(s)
25	(5%)	High School Counselor(s)
150	(32%)	No One
2	(1%)	Other Response indicated
466T		

The overall response to this question would seem to indicate a fertile area for high school counselor and teacher input.

5. Question 5 dealt with occupational field choice. Students were asked to select their career preference (from the listing on Attachment A of the survey) and write the appropriate code number in the space provided. The top eleven (11) career preferences from the 443 total responses are tabulated below:

TABLE I

High School Senior Survey
Top 11 Career Preferences

27	(6.1%)	Secretary - Stenographer
21	(4.7%)	Accountants, professional
20	(4.5%)	Engineers: civil, electrical, mechanical
17	(3.8%)	Clerical
15	(3.4%)	Transportation Maintenance
14	(3.2%)	Nurse - LPN
13	(2.9%)	Land & Water Management: inclusive
13	(2.9%)	Teaching: including administrative & counseling
12	(2.7%)	Nurse - RN
10	(2.3%)	Other Health Service Worker
10	(2.3%)	Welder
172T	37.5%)	

Overall, business and office occupations drew the greatest response with 65 (14.6%) followed by health occupations - 36 (8.2%) and construction-related occupations - 30 (7.3%). In addition, it should be noted that 37 (8.4%) indicated that their occupational choice was not listed and 59 (13.3%) were undecided about career preference. Of these top career preferences, at most 31% of the seniors responding would require baccalaureate or graduate and professional degrees. The implication for Roane State Community College is that it could be and should be servicing its area high school graduates to an even greater extent.

6. Question 6 asked students in which RSCC educational program they would probably enroll if they were to attend RSCC. Respondents were asked to consult Attachment B of the survey and indicate the appropriate code number in the space provided. The top ten (10) educational programs from 403 total responses are tabulated below:

TABLE II

High School Senior Survey

Top 10 Educational Programs/

Probable Enrollment

at RSCC

22	(5.5%)	A.S. - Business Administration
19	(4.7%)	A.A. - Art
17	(4.2%)	A.S. - Pre-Engineering
16	(4.0%)	Nursing Technology (possible program in Career Education)
15	(3.7%)	A.S. - Health, Physical Education & Recreation
13	(3.2%)	A.S. - Pre-Medicine
12	(3.0%)	A.S. - Business Education
12	(3.0%)	A.S. - Electrical & Electronics Technology
12	(3.0%)	A.S. - Mechanical Engineering Option
11	(2.7%)	A.S. - Elementary Education
149T	(37.0%)	

Of the top ten choices, 109 (74%) seniors selected programs in the College Transfer category; 24 (16%) chose programs in the two-year Career Education category and 16 (4%) selected a Career Education program not yet approved at RSCC but a possibility for the future. Of the total 403 responses, 31 (7.7%) indicated that

their program choice was not listed and 45 (11.6%) reported that they were undecided.

For the top occupational/career preferences reported in TABLE I requiring postsecondary education degrees or other postsecondary training, there is an overall correspondence with the top educational program options selected from those offered by RSCC.

7. What is the highest level of postsecondary education that you expect to complete after high school?

76	(16%)	None beyond high school
20	(4%)	Less than one-year program
35	(8%)	One-year degree program
38	(8%)	Two-year degree program
96	(21%)	Four-year degree program
66	(14%)	Graduate or professional degree
136	(29%)	Undecided
467T		

The percentages indicated above for the four-year degree program and two-year degree program correspond closely with the percentage responses tabulated for the top RSCC educational program choices (College Transfer Program and two-year Career Education Program respectively). It should be noted, however, that the ratio of "undecided" responses in Question 7 to "undecided" responses in Questions 5 and 6 is roughly 2:1, an indication that factors other than choice enter into the expected highest level of postsecondary education to be completed. It should also be noted that in Question 3, 101 (22%) indicated no plans for further education; by Question 7, however, the number has been reduced to 76 (16%) - total responses to both questions being 467. In addition it should be recalled that 278 (60%) indicated plans for education after high school in Question 3, whereas 255 (51%) indicated a highest expected level of postsecondary education with 136 (29%) "undecided" in Question 7, indicating an increasing level of indecision as the survey questions were answered.

8. If you plan to continue your education after high school, will you attend:

99	(22%)	Part-time
199	(45%)	Full-time
141	(32%)	Undecided
1	(1%)	Other Responses indicated
440T		

It is notable at this point that a total of 298 (67%) plan to continue their education after high school and 141 (32%) are undecided. No direct option was presented in the question for those not planning to continue their education, although in Question 7, 76 seniors indicated that they did not expect to complete any postsecondary education.

9. If you plan to continue your education after high school, will you attend:

5	(1%)	Adult programs at local high school
110	(25%)	Vocational or business school
44	(10%)	Junior or community college
22	(5%)	Technical institute
146	(34%)	Four-year college or university
105	(24%)	Undecided
1	(1%)	Other Response indicated
433T		

327 (75%) of the seniors responding now plan some form of education after high school with 105 (24%) in the "undecided" category. Comparing the total responses to Questions 8 and 9 with those to Questions 3 and 7, there is an increase in non-responses to Questions 8 and 9 by 27 and 34 respectively. These increases account for 6% and 8% of the total response to Questions 8 and 9 and should be taken into account with the "undecided" response to these questions (those seniors for whom there was no related response who checked "undecided" or did not respond accordingly), as well as in light of the responses to Questions 3 and 7 for no further educational plans after high school. The difference in total responses does not account for one-half of those indicating no education plans after completing high school, reinforcing the observation that many high school seniors do not have definite plans for after high school.

10. Do you plan to attend RSCC after finishing high school?

25	(6%)	Yes
348	(76%)	No
84	(18%)	Undecided
457T		

Of the 44 seniors indicating that they planned to attend a junior or community college in Question 9, only 25 indicated plans to attend RSCC. The total response to Question 10 increased by 24 over Question 9, probably due to the fact that the question was direct, not conditional, in nature. In light of RSCC's role as an educational institution serving the area in which these high school seniors live, the college should take into consideration the results not only of this question, but also the results in Question 12 in which the top 3 factors students felt were the most important in choosing a college or university were: (1) the cost of attending (29%); (2) academic reputation (28%) and (3) location (21%). All of these are factors that could make RSCC a logical choice among area high school seniors.

11. If so (you plan to attend RSCC), will you attend during the:

58	(30%)	Day
17	(9%)	Evening
11	(6%)	Both
106	(55%)	Undecided
192T		

The responses to this question were seemingly answered by many seniors on the basis of attendance at any type of educational institution, not RSCC as the question asked.

12. Which ONE of the following factors would be the most important to you in choosing a college or university?

123	(29%)	Cost of attending
34	(8%)	Size of institution
116	(28%)	Academic reputation

(continued)

12. continued:

90	(21%)	Location
17	(4%)	Social/cultural reputation
38	(9%)	Other
1	(1%)	Other Response indicated
419T		

The total response to this question has decreased, probably reflecting in large part seniors with no plans for further education for whom the question was non-applicable. However, the number of those not responding does not account for all of those with no plans for further education, again supporting the observed trend of indecision among high school seniors about plans after high school.

13. What is your best estimate of your parents' (guardians') combined income before taxes?

14	(4%)	Below $3,000/year
47	(12%)	$3,001 - $6,000
22	(5%)	$6,001 - $7,500
24	(6%)	$7,501 - $9,000
35	(9%)	$9,001 - $12,000
33	(8%)	$12,001 - $15,000
46	(11%)	$15,001 - $20,000
33	(8%)	$20,001 +
151	(37%)	Don't know
405T		

The response to this question may indicate a significant level of lower income in the RSCC service area. The response to the income categories, however, is held in doubt in light of the "don't know" percentage and the belief that many respondents simply "guesstimated."

IV. A. continued

4. Will you apply for financial assistance if you continue your education?

192	(44%)	Yes
113	(26%)	No
124	(28%)	Undecided
2	(2%)	Other Responses indicated
431T		

Once again, the non-response to this question does not account for one-half the number indicating no plans for further education, supporting the overall survey trend of indecision regarding plans after high school.

5. Through which of the following have you heard about RSCC? (Mark all that apply).

86	(10%)	Newspaper
111	(12%)	RSCC publications
53	(6%)	Radio
209	(23%)	High School Counselor or Teacher
254	(28%)	Friends
85	(9%)	RSCC representative
37	(4%)	Other
69	(8%)	Never heard of RSCC
904T		

The results show that RSCC should evaluate its present methods of generating and disseminating information about the college to area high school students.

6. Have you ever heard the weekly RSCC radio programs?

24	(5%)	Yes
424	(95%)	No
448T		

Again. the conclusion to be drawn is that RSCC should evaluate the effectiveness of, in this case, the radio program as a public relations medium.

. This question asked for written opinion about RSCC's weekly radio programs. Comments included the following:

1. Very good
2. Good, informative programs
3. I would probably change the station
4. Nothing spectacular
5. Very interesting, tell a lot about the school and how it functions
6. Fair

. What is your personal opinion of RSCC's reputation? (Leave blank if no opinion)

26	(11%)	1 Excellent
62	(26%)	2
127	(52%)	3 Average
15	(6%)	4
12	(5%)	5 Poor
242T		

The mean ($\bar{X}$) rating = 2.7. The mean ratings from the six high schools individually are as follows: Clinton High School 2.6; Norris High School 2.7; Oakdale High School 2.5; Sunbright High School 2.3; Wartburg Central High School 2.7 and Scott High School 2.7. Overall 37% of the respondents rated RSCC above average. The 52% "average" response should be considered in light of the response to Question 12 in which 28% of those responding indicated academic reputation as the second most important factor in choosing a college or university and location as the third most important factor (21%).

. Question 19 asked for Other Comments or Questions in written form. Some comments/questions received:

1. Does RSCC provide scholarships for anyone who plans to play basketball while attending?
2. My friends recommended this school to me giving it very high marks.
3. I am going to attend RSCC, and I have friends who go there.
4. I wish I had some help in deciding what I will be doing after graduation.
5. Have heard it is hard to get other schools to accept after attending RSCC.
6. I need more information about your school, and if I'll be able to enroll in September.

19. continued

7. RSCC is not large enough and does not have enough extra-curriclar activities.
8. What is RSCC?
9. RSCC is a young college; perhaps in a few years its academic reputation and programs will improve.
10. I have heard that the educational level is not so good. But I still am interested in this school for sometime in the future.
11. Probably if I decided to go on to college, I would choose RSCC. It sounds like a great school.

B. SIGNIFICANCE BY SEX

A Chi-squared statistical analysis revealed no significant difference by sex in the responses to Questions 2, 4, 8, 11, 13, 16 and 18 on the High School Senior Survey (Question 1 - sex indication - not being of concern). Therefore, it can be stated that there is no statistically significant relationship between sex and:

a) how well seniors thought their high schools had prepared them for their occupations after high school or to continue their education after high school (Question 2)
b) the person seniors considered to have been most influential in their plans for after high school (Question 4)
c) the plans (if any) for seniors to continue their education after high school on a part-time, full-time or "undecided" basis (Question 8)
d) the plans of seniors to attend RSCC (if at all) during the day, evening, both, or if they were undecided (Question 11)
e) the best estimate by seniors of parents' (guardians') combined income before taxes (Question 13)
f) whether or not seniors had ever heard the weekly RSCC radio programs (Question 16)
g) seniors' personal opinion of RSCC's reputation (Question 18)

The remainder of this section will be concerned with the responses to Questions 3, 5, 6, 7, 9, 10, 12, 14 and 15 on an individual basis.

Table I displays the responses by sex to Question 3: What are your plans after finishing high school?

TABLE I

Female	%	Male	%	
38	8%	55	12%	Work full-time, no further education
44	9%	40	9%	Continue education full-time, no job
106	23%	88	19%	Combine education and work
6	1%	1	1%	Marriage with no plans for a job or more education.
2	1%	16	3%	Military Service
49	10%	21	4%	Undecided or Other
245T	52%	221T	48%	

The derivation of a Chi-squared statistic reveals that there is a statistically significant relationship (at .01 level) between sex and seniors' plans after finishing high school. More men planned either to work full-time with no plans for further education or to enter military service, whereas more women planned to combine further education and work. Twice as many women as men indicated that they were "undecided" or had other plans after high school.

Table II presents the breakdown by sex of the top twenty (20) occupational field choices indicated in the response to Question 5 (with Attachment A of the survey form):

TABLE II*

Female	%	Male	%	Total	%	Occupational Field
25	5.7%	2	0.4%	27	6.1%	8) Secretary - Stenographer
11	2.5%	10	2.3%	21	4.8%	5) Accountants, professional
4	0.9%	16	3.5%	20	4.4%	26) Engineers: civil, mechanical, electrical
17	3.8%	-	-	17	3.8%	9) Clerical
2	0.4%	13	2.9%	15	3.3%	79) Transportation maintenance
14	3.2%	-	-	14	3.2%	54) Nurse - LPN
2	0.4%	11	2.5%	13	2.9%	2) Land & Water Management
12	2.7%	1	0.2%	13	2.9%	43) Teaching: all areas
12	2.7%	-	-	12	2.7%	53) Nurse - RN
8	1.8%	2	0.4%	10	2.2%	57) Other Health Service Worker
-	-	10	2.3%	10	2.3%	33) Welder

(continued)

TABLE II continued

Female	%	Male	%	Total	%	Occupational Field
9	2.0%	-	-	9	2.0%	74) Beauticians/Barbers
-	-	8	1.8%	8	1.8%	30) Electrician
3	0.7%	4	0.9%	7	1.6%	25) Architecture, drafting, blueprinting
2	0.4%	5	1.1%	7	1.5%	50) Entertainers
2	0.4%	5	1.1%	7	1.5%	52) Doctors, dentists, psychologists, pharmacists
4	0.9%	2	0.4%	6	1.3%	13) Computer Programmers and Operators
5	1.1%	-	-	5	1.1%	7) Bookkeeper
1	0.2%	4	0.9%	5	1.1%	37) Equipment Operator
32	7.2%	27	6.1%	59	13.3%	94) Undecided
165T	37.3%	120T	27.2%	285T	64.5 %	

* Rounded percentages based on a total response of 442.

A Chi-squared statistical analysis of the data showed that a statistically significant difference by sex exists in the occupational fields selected by senior men and women (at .01 level). Eyeballing the data reveals the following observations:

a) within the general occupational fields of Agri-business and Natural Resources, Business and Office Occupations, Health Occupations, Services Related to Consumers and Homemakers (including Education), Transportation and Personal Services, the following occupations are skewed traditionally:

- Business and Office Occupations: 10.6% (47) women planned to become secretary - stenographers, clerical workers or bookkeepers compared with 0.4% (2) men.
- Teaching (including administrators, counselors): 2.7% (12) women planned to enter this field compared with 0.2% (1) man.
- Health Occupations: 7.7% (34) women selected Nurse - LPN, Nurse - RN or Other Health Service work compared with 0.4% (2) males choosing Other Health Service work.
- Construction: 5% (22) males chose electrician, welder or equipment operator compared with 0.2% (1) female selecting equipment operator.
- Personal Services: 2% (9) females planned to become beauticians; no males planned to enter the general field.

a) - Agri-business & Natural Resources: 2.5% (11) males planned to enter land and water management areas compared with 0.4% (2) females.
- Transportation: 2.9% (13) senior men selected Maintenance compared with 0.4% (2) senior women.

b) Within the general occupational fields of Business and Office Occupations, Construction and Health Occupations, the following specific occupations are skewed non-traditionally:
- Professional Accountants: 2.5% (11) women compared with 2.3% (10) men planned to enter this occupation.
- Data Processing: 0.9% (4) women planned to become computer programmers or operators while 0.4% (2) men indicated this field.
- Construction Design: 0.7% (3) women compared with 0.9% (4) men planned to enter the areas of architecture, drafting and blueprinting.
- Construction Design: 0.9% (4) senior women planned to enter the engineering field (civil, electrical, mechanical) joining 3.6% (16) senior men.
- Health Occupations: 0.4% (2) women planned to become a doctor, dentist, psychologist or pharmacist along with 1.1% (5) of the male respondents.

Women entering non-traditional fields, however, only account for 14.6% of the total within the top 20 occupational field choices. The remaining 43 occupational fields selected substantiate the observable trend within occupational choices after high school: overall, women are entering traditional careers.

Table III breaks down the top fifteen (15) Educational Program Choices offered at RSCC by sex (the Table includes the options "Program Choice Not Listed" and "Undecided"). Program selections for Question 2 were made from the listing on Attachment B of the survey form.

TABLE III*

Female	%	Male	%	Total	%	Program Title
14	3.5%	8	2.0%	22	5.5%	A.S. - Business Administration
12	3.0%	7	1.7%	19	4.7%	A.A. - Art
6	1.5%	11	2.7%	17	4.2%	A.S. - Pre-Engineering

(continued)

TABLE III continued

Female	%	Male	%	Total	%	Program Title
16	4.0%	-	-	16	4.0%	Nursing Technology
7	1.7%	8	2.0%	15	3.7%	A.S. - Health, Phys. Ed. & Recreation
8	2.0%	5	1.2%	13	3.2%	A.S. - Pre-Medicine
11	2.7%	1	0.2%	12	2.9%	A.S. - Business Education
-	-	12	2.9%	12	2.9%	A.S. - Electrical & Electronics Technology
1	0.2%	11	2.7%	12	2.9%	A.S. - Mechanical Eng. Option
8	2.0%	3	0.7%	11	2.7%	A.S. - Elementary Education
10	2.4%	-	-	10	2.4%	A.S. - Secretarial Science
5	1.2%	5	1.2%	10	2.4%	A.S. - Police Sci. & Criminology
7	1.7%	2	0.5%	9	2.2%	A.S. - Accounting Technology
8	2.0%	1	0.2%	9	2.2%	Medical Lab Technology
-	-	8	2.0%	8	2.0%	A.S. - Electrical Eng. Option
21	5.2%	19	4.7%	40	9.9%	Program Choice Not Listed
20	5.0%	25	6.2%	45	11.2%	Undecided
168T	41.5%	126T	30.9%	294T	72.4%	

* Rounded percentages based on a total response of 402.

A Chi-squared statistical analysis of the data showed that there is a statistically significant relationship (at .01 level) between sex and the choice of educational program (offered at RSCC). Eyeballing the data shown in Table III, the following observations are made:

a) Within the College Transfer Programs, the following responses are skewed non-traditionally:
   - 3.5% (14) females and 2.0% (8) males selected an A.S. in Business Administration.
   - 1.5% (6) women and 2.7% (11) men indicated an A.S. in Pre-Engineering.
   - 2.0% (8) senior women and 1.2% (5) senior men chose an A.S. in Pre-Medicine.

b) Within the College Transfer Programs, the overall response by men and women indicating A.A. - Art; A.S. - Business Education; A.S. - Elementary Education and A.S. - Health, Physical Education and Recreation can be considered to be skewed traditionally.

c) Within the two-year Career Education programs, the following responses are skewed non-traditionally: A.S. - Accounting Technology 1.7% (7) women to 0.5% (2) men and A.S. - Police Science and Criminology 1.2% (5) women and 1.2% (5) men.

d) Within the two-year Career Education programs, the breakdown by sex is skewed traditionally for the A.S. in Electrical & Electronics Technology, Electrical Engineering Option, Mechanical Engineering Option, General Clerical and Secretarial Science.

e) Within the one-year Career Education programs and the category of possible programs in Career Education, the results are skewed traditionally for: 1) Certificate - General Clerical, 2) Nursing Technology and 3) Medical Lab Technology.

Table IV displays the responses by sex to Question 7: What is the highest level of postsecondary education that you expect to complete after high school?

TABLE IV

Female	%	Male	%	
35	7%	40	9%	None beyond high school
13	3%	7	1%	Less than 1-year program
21	4%	14	3%	One-year degree program
31	7%	7	1%	Two-year degree program
45	10%	51	11%	Four-year degree program
26	6%	40	9%	Graduate or professional degree
75	16%	61	13%	Undecided
246T	53%	220T	47%	

A Chi-squared statistical analysis of the data reveals that there is a statistically significant relationship (at .01 level) between sex and the expected level of postsecondary education to be completed. The responses in Table IV show that:

- 3% more men than women expect to complete graduate or professional degrees;
- 6% more women plan to complete a two-year degree program (a difference that RSCC should consider regarding academic counseling, the service

area job market and the largely traditional occupation/career fields selected by senior women in the area);

- 3% more women were undecided on this matter;
- Combining the responses for two-year programs and one-year programs reveals that more women than men planned to complete these programs in roughly a 3:1 ratio.

Overall senior women in the high school area surveyed have lower expectations for the level of education they plan to complete after high school.

Table V presents senior responses by sex to Question 9: If you plan to continue your education after high school, will you attend:

TABLE V

Female	%	Male	%	
4	1%	1	1%	Adult programs at local high school
69	16%	41	10%	Vocational or business school
27	6%	16	4%	Junior or community college
11	2%	11	2%	Technical institute
62	14%	84	19%	Four-year college or university
59	14%	46	11%	Undecided
232T	53%	200	47%	

The derivation of a Chi-squared statistic reveals that there is a statistically significant difference by sex and the type of educational institution seniors planned to attend after finishing high school (at .05 level). Reference to Table V results in the following observations:

- 6% more women planned to attend a vocational or business school
- 2% more women planned to attend a junior or community college
- 5% more men had plans to attend a four-year college or university
- 3% more women were undecided regarding the type of educational institution they planned to attend.

Table VI shows the response data to Question 10: Do you plan to attend RSCC after finishing high school?

TABLE VI

Female	%	Male	%	
17	4%	8	2%	Yes
173	38%	174	38%	No
54	12%	30	6%	Undecided
244T	54%	212T	46%	

The results of a Chi-squared statistical analysis shows that there is a statistically significant (at .05 level, but not at .01 level) between the respondents' sex and their plans to attend RSCC after high school. Some observations of the data include:

- 2% more women plan to attend RSCC
- Of the 27 women indicating plans to attend a junior or community college (refer to Table V), 17 now indicate plans to attend RSCC.
- Of the 16 men planning to attend a junior or community college, 8 indicated that they plan to attend RSCC.

Although some of the "undecided" will probably elect to attend RSCC, the college should be attracting a larger percentage to its programs from the service area high school graduates.

Table VII records the responses by sex to Question 12: Which one of the following factors would be the most important to you in choosing a college or university?

TABLE VII

Female	%	Male	%	
80	19%	43	10%	Cost of attending
12	3%	22	5%	Size of institution
65	15%	51	12%	Academic reputation
49	12%	41	10%	Location
8	2%	9	2%	Social/cultutal reputation
16	4%	23	6%	Other
230T	55%	189T	45%	

A Chi-squared statistical analysis of the responses reveals a statistically significant relationship (at .01 level) between the sex of the respondents and the most important factor in choosing a college or university. Consideration of

the tabulated responses above shows that of the top 3 factors (refer to Part IV A, Question 12 responses):

- 9% more women indicated cost of attending as the most important factor
- 3% more women indicated academic reputation as the most important factor
- 2% more women indicated location as the most important factor
- However, 2% more men, indicated that size was the most important factor.

Table VIII displays the data for the responses to Question 14: Will you apply for financial aid if you continue your education?

TABLE VIII

Female	%	Male	%	
107	25%	85	20%	Yes
55	13%	58	13%	No
68	16%	57	13%	Undecided
230T	54%	200T	46%	

The application of a Chi-squared test of significance reveals that there is a statistically significant difference (at .01 level) between sex and whether or not seniors planned to apply for financial aid:

- 5% more women than men indicated that they would apply for financial aid
- 3% more women were undecided as to whether or not they would apply for financial aid.

Table IX presents the responses by sex to Question 15: Through which of the following have you heard about RSCC? (Mark all that apply):

TABLE IX

Female	%	Male	%	
47	5%	39	4%	Newspaper
73	8%	38	4%	RSCC publications
35	4%	18	2%	Radio
130	15%	79	9%	High School counselor or teacher
152	17%	102	11%	Friends

Female	%	Male	%	
60	7%	25	3%	RSCC representative
20	2%	17	2%	Other
21	2%	48	5%	Never heard of RSCC
538T	60%	366T	40%	

A Chi-squared statistical analysis reveals that a statistically significant relationship (at .01 level) exists between respondents' sex and the way in which high school seniors had heard about RSCC. No further observations on the data are made here, as it is believed that many students did not adhere consistently to the directions to mark all categories applying.

C. SIGNIFICANCE BY HIGH SCHOOL

Application of a Chi-square test of significance reveals that there is a statistically significant difference (at .01 level) by high school in the responses to the following questions:

Question:

3 seniors' plans after finishing high school
4 the person seniors' thought had been most influential in their plans for after high school
5 occupational field choice after high school
6 educational program - probable enrollment at RSCC
7 the highest level of postsecondary education expected to be completed
8 their attendance as full-time or part-time students (if continuing education)
9 the type of educational institution they planned to attend (if any)
10 whether or not they planned to attend RSCC (if continuing education)
11 the time of day they planned to attend (if attending RSCC)
12 the most important factor in choosing a college or university
13 their best estimate of parents' (guardians') combined income before taxes
14 whether or not they planned to apply for financial aid (if continuing education)
15 the way in which they had heard about RSCC
16 whether or not they had heard the weekly RSCC radio programs.

Refer to Appendices A - F for total response tabulations and applicable percentages by high school.

IV. C. continued

In Questions 2 and 18 there is a significant difference by high school at the .05 level:

Question:

2 how well seniors thought their high schools had prepared them for their occupations after high school or to continue their education after high school

18 their personal opinion (rating) of RSCC's reputation.

Question 1 is not of concern (sex indication).

D. SIGNIFICANCE BY SYSTEM/COUNTY

A Chi-squared statistical analysis reveals that there is a statistically significant difference (at .01 level) by system/county in the responses received to the following questions:

Question:

2 how well seniors thought their high schools had prepared them for their occupations after high school or to continue their education after high school

3 their plans after finishing high school

4 the person seniors thought had been most influential in their plans for after high school

5 occupational field choices after high school

6 educational program - probable enrollment at RSCC

7 the highest level of postsecondary education expected to be completed

8 their attendance as full-time or part-time students (if continuing education)

9 the type of educational institution they planned to attend (if any)

10 whether or not they planned to attend RSCC (if continuing education)

11 the time of day they planned to attend (if attending RSCC)

13 their best estimate of parents' (guardians') combined income before taxes

14 whether or not they planned to apply for financial aid (if continuing education)

15 the way in which they had heard about RSCC

16 whether or not they had heard the weekly RSCC radio programs

IV. D. continued

Refer to Appendices A - F for total response tabulations and applicable percentages by high school.

In Question 12 there is a significant difference by system/county at the .05 level (compared with .01 level by high school) regarding the most important factor in choosing a college or university.

In Question 18 there is no significant difference by system/county (although the response by high school revealed a statistically significant difference at the .05 level) regarding seniors' personal opinion (rating) of RSCC's reputation.

Question 1 is not of concern (sex indication).

V. RECOMMENDATIONS

RSCC's opportunity to attract more than 84% of area high school seniors needs to be evaluated in relation to:

1) the college's existing educational programs (do these programs respond to expressed needs of area graduating seniors?)
2) necessary and possible expansion of high quality educational programs and services
3) increased public relations efforts by the college to become well known as a quality educational option for area high school graduates.
4) accomplishing 1 - 3 above without compromising existing valued qualities because of potential increase in size and without cost becoming prohibitive or exclusive in nature.
5) increasing cooperative efforts between the college and area high schools in the area of career counseling (especially encouraging high school women to consider non-traditional career options and to raise the level of education they expect for themselves).

V. Recommendations

Area high schools have the opportunity to more effectively service their students in the area of career counseling by:

1) re-evaluating existing career counseling programs
2) encouraging students to consider educational programs or training beyond high school for occupational fields in which they show potential and interest
3) providing sound, objective information for students to consider
4) encouraging students to enter non-traditional fields, especially female students
5) encouraging female students to develop higher levels of expected education and training for themselves.

CLINTON HIGH SCHOOL RESPONSE TABULATIONS

Variable #	Category/Question	Response	Total # Responses	% of Responses
1	Sex	1. Female	90	49%
		2. Male	93	51%
			183	100%
2	How well do you think your high school prepared you for your occupation after high school or to continue your education after high school?	1. Very well	20	11%
		2.	41	23%
		3. Average	94	53%
		4.	13	7%
		5. Poorly	10	6%
			178T	100%
3	What are your plans after finishing high school?	1. Work full-time, no further education	28	15%
		2. Continue education full-time, no job	51	28%
		3. Combine education & work	79	44%
		4. Marriage; no plans for job or more education	-	-
		5. Military service	4	2%
		6. Undecided or Other	20	11%
			182T	100%
4	What person has been most influential in your plans for after high school?	1. Parent(s) or relative(s)	76	42%
		2. Friend(s)	29	16%
		3. High School Teacher(s)	13	7%
		4. High School Counselor(s)	9	5%
		5. No One	52	29%
		6. (Other)	2	1%
			181T	100%
5.	Occupation fields/career preference	A. Agri-Business & Natural Resources:		
		1. Farm/Farm Managers:	1	0.6%
		2. Land & Water Mgt.:	2	1.2%
		4. Mining & Quarrying:	1	0.6%

continued

Variable #	Category/Question	Response	Total # Responses	% of Responses
5 cont'd	Occupation fields/career preference	B. Business & Office:		
		5. Accounting	11	6.5%
		6. Office Supervision	1	0.6%
		7. Bookkeeper	1	0.6%
		8. Sec'y - Stenographer	8	4.7%
		9. Clerical	6	3.5%
		10. Cashier	1	0.6%
		12. Systems Analyst	1	0.6%
		13. Computer Programmer or Operator	2	1.2%
		C. Communication & Media:		
		18. Commercial Art	1	0.6%
		21. Radio - all positions	2	1.2%
		22. TV - all positions	1	0.6%
		23. Data Transmission - all positions	1	0.6%
		24. Telegraph & Telephone - all positions	1	0.6%
		D. Construction:		
		25. Architects, drafting & blueprinting	5	2.9%
		26. Engineers: electrical, civil, mechanical	17	10.0%
		30. Electrician	4	2.3%
		32. Metal Worker	1	0.6%
		33. Welder	2	1.2%
		38. Interior design, decorating, furnishing	1	0.6%
		E. Services Related to Consumers & Homemakers, incl. educational & social agencies		
		41. Clothing apparel; textile industry - all positions	1	0.6%
		43. Teaching - all positions	4	2.3%
		44. Family & Community Services	1	0.6%
		F. Environment		
		46. Soil & Mineral Conservation/ Control	1	0.6%
		48. Envir'l Health Services	1	0.6%

continued

Variable #	Category/Question	Response	Total # Responses	% of Responses
5 cont'd	Occupation fields/career preference	G. Fine Arts/Humanities:		
		50. Entertainers:	3	1.8%
		51. Creative Writing:	1	0.6%
		H. Health Occupations:		
		52. MD, DDS, Psychologists, Pharmacists	5	2.9%
		53. Nurse - RN	2	1.2%
		54. Nurse - LPN	5	2.9%
		55. Medical/Dental Asst.	3	1.8%
		57. Other:	6	3.5%
		I. Hospitality & Recreation:		
		58. Hotel/Motel	1	0.6%
		J. Manufacturing - all prods.:		
		61. Assembly worker	1	0.6%
		64. Inspectors	2	1.2%
		65. Maintenance	2	1.2%
		L. Marketing/Distribution:		
		70. Advertising Mgt. & Writing	1	0.6%
		71. Retail & Wholesale Business:	3	1.8%
		73. Marketing Services:	2	1.2%
		M. Personal Services:		
		74. Beauticians/Barbers	1	0.6%
		N. Transportation:		
		77. Truckdrivers/Trucking	1	0.6%
		79. Maintenance:	4	2.3%
		O. Public Service & Related:		
		83. Federal, state & local agencies (non-agric./nat. resources)	1	0.6%
		84. Military Science	2	1.2%
		86. Police & Firemen	1	0.6%
		87. Legal Services:	1	0.6%

Variable #	Category/Question	Response	Total # Responses	% of Responses
5 cont'd	Occupation fields/career preference	OTHER:		
		90. Librarians	1	0.6%
		91. Research Workers:	1	0.6%
		93. Occupational choice not listed:	26	15.3%
		94. Undecided:	11	6.5%
		Other #'s Assigned:		
		95.	1	0.6%
		A-1.	1	0.6%
		C-3.	2	1.2%
			170T	100.4%
6	Educational programs/probable enrollment	COLLEGE TRANSFER PROGRAMS:		
		1. A.A. - General	1	0.6%
		2. A.A. - Art	7	4.5%
		3. A.A. - Music	3	1.9%
		4. A.A. - Pre-Law	3	1.9%
		5. A.S. - General	2	1.3%
		6. A.S. - Art Education	2	1.3%
		7. A.S. - Business Admin.	12	7.7%
		8. A.S. - Business Education	3	1.9%
		9. A.S. - Chemistry	2	1.3%
		10. A.S. - Elem. Education	4	2.6%
		11. A.S. - Health, Phys. Ed., & Recreation	2	1.3%
		12. A.S. - Math or Physical Sci.	4	2.6%
		14. A.S. - Pre-Dentistry	1	0.6%
		15. A.S. - Pre-Engineering	11	7.0%
		16. A.S. - Pre-Law	1	0.6%
		17. A.S. - Pre-Med	7	4.5%
		18. A.S. - Pre-Pharmacy	2	1.3%
		19. A.S. - Secondary Education	1	0.6%
		20. A.S. - Technology	2	1.3%
		CAREER EDUCATION (2-year program)		
		21. A.S. - Accounting Tech.	4	2.6%
		22. A.S. - Computer Science Tech.	3	1.9%

continued

Variable #	Category/Question	Response	Total # Responses	% of Responses
6 cont'd	Educational programs/probable enrollment	24. A.S. - Electrical/ Electronics Tech.	3	1.9%
		25. A.S. - Chem. Engineering Option	1	0.6%
		26. A.S. - Civil Engineering Option	3	1.9%
		27. A.S. - Electrical Eng. Option	7	4.5%
		28. A.S. - Mechanical Eng. Option	3	1.9%
		29. A.S. - Nuclear Eng. Option	1	0.6%
		31. A.S. - Gen. Business Admin.	3	1.9%
		33. A.S. - Hotel/Motel/Restaurant Mgt.	1	0.6%
		35. A.S. - Medical Records Tech.	2	1.3%
		36. A.S. - Operating Engineering Technology	1	0.6%
		37. A.S. - Police Science & Criminology	3	1.9%
		38. A.S. - Recreation Mgt. & Admin. Technology	1	0.6%
		39. A.S. - Secretarial Science	5	3.2%
		CAREER EDUCATION (1-year program)		
		40. Certificate - Design & Drafting	2	1.3%
		41. Certif. - Electronics	2	1.3%
		42. Certif. - General Clerical	2	1.3%
		43. Certif. - Surveying	1	0.6%
		44. Mining & Water/Waste- Water Tech.	2	1.3%
		46. Nursing Technology	4	2.6%
		47. Medical Lab Technician	6	3.8%
		48. Program Choice Not Listed	13	8.3%
		49. Undecided	11	7.0%
		Other Numbers Assigned:		
		93.	1	0.6%
		99.	1	0.6%
			156T	99.5%

Variable #	Category/Question	Response	Total # Responses	% of Total Responses
7	What is the highest level of postsecondary education that you expect to complete after high school?	1. None beyond high school	13	7%
		2. Less than 1-year prog.	4	2%
		3. 1-year degree prog.	10	5%
		4. 2-year degree prog.	12	7%
		5. 4-year degree prog.	56	31%
		6. Graduate or professional degree	41	23%
		7. Undecided	46	25%
			182	100%
8	If you plan to continue your education after high school, will you attend:	1. Part-time	34	20%
		2. Full-time	101	58%
		3. Undecided	38	22%
			173T	100%
9	If you plan to continue your education after high school, will you attend:	1. Adult prog. at local high school	5	3%
		2. Vocational or business school	33	19%
		3. Junior or community college	13	8%
		4. Technical institute	8	5%
		5. Four-year college or university	90	53%
		6. Undecided	21	12%
			170T	100%
10	Do you plan to attend Roane State Community College after finishing high school?	1. Yes	8	4%
		2. No	145	81%
		3. Undecided	27	15%
			180	100%
11	If so, will you attend during the	1. Day	20	31%
		2. Evening	7	11%
		3. Both	4	6%
		4. Undecided	33	52%
			64T	100%

Variable #	CATEGORY/QUESTION	Response	Total # Responses	% of Responses
12	Which one of the following factors would be the most important to you in choosing a college or university?	1. Cost of attending	45	27%
		2. Size of institution	15	9%
		3. Academic reputation	62	38%
		4. Location	24	14%
		5. Social/cultural reputation	6	4%
		6. Other	14	8%
			166T	100%
13	What is your best estimate of your parents' (guardians') combined income before taxes?	1. Below $3,000/yr.	2	1%
		2. $3,001-$6,000	11	7%
		3. $6,001-$7,500	7	5%
		4. $7,501-$9,000	4	3%
		5. $9,001-$12,000	15	10%
		6. $12,001-$15,000	21	14%
		7. $15,001-$20,000	30	20%
		8. + $20,000	22	14%
		9. Don't know	40	26%
			152T	100%
14	Will you apply for financial assistance if you continue your education?	1. Yes	68	41%
		2. No	59	36%
		3. Undecided	38	23%
			165T	100%
15-22	Through which of the following have you heard about RSCC? (Mark all that apply)	1. Newspaper	18	6%
		2. RSCC publications	30	11%
		3. Radio	8	3%
		4. H.S. Counselor or Teacher	59	21%
		5. Friends	113	39%
		6. RSCC representative	15	5%
		7. Other	10	3%
		8. Never heard of RSCC	34	12%
			287T	100%

Variable #	Category/Question	Response	Total # Responses	% of Total Responses
23	Have you ever heard the weekly RSCC radio programs?	1. Yes	5	3%
		2. No	172	97%
			177	100%
24	What is your personal opinion of RSCC's reputation?	1. Excellent	7	8%
		2.	24	26%
		3. Average	45	48%
		4.	11	12%
		5. Poor	5	5%
		6. (Other)	1	1%
			93T	100%

APPENDIX B

NORRIS HIGH SCHOOL RESPONSE TABULATIONS

Variable #	Category/Question	Response	Total # Responses	% of Total Responses
1	Sex	1. Female	37	58%
		2. Male	27	42%
			64T	100%
2	How well do you think your high school prepared you for your occupation after high school or to continue your education after high school?	1. Very well	10	16%
		2.	19	31%
		3. Average	28	45%
		4.	4	6%
		5. Very poorly	1	2%
			62T	100%
3	What are your plans after finishing high school?	1. Work full-time, no further education	8	12%
		2. Continue education full-time, no job	14	22%
		3. Combine education & work	30	47%
		4. Marriage with no plans for a job or more education	1	2%
		5. Military service	5	8%
		6. Undecided or Other	6	9%
			64T	100%
4	What person has been most influential in your plans for after high school?	1. Parent(s) or relative(s)	26	41%
		2. Friend(s)	6	9%
		3. High School teacher(s)	1	2%
		4. High School counselor(s)	13	20%
		5. No One	18	28%
			64T	100%
5	Occupation fields/career preference	A. Agri-Business & Natural Resources:		
		1. Farm/Farm Managers:	1	1.6%
		2. Land & Water Mgt.:	1	1.6%

continued

Variable #	Category/Question	Response	Total # Responses	% of Total Responses
5 cont'd	Occupation fields/career preference	B. Business & Office:		
		8. Secretary-Stenographer	6	9.8%
		9. Clerical	5	8.2%
		12. Systems Analyst	1	1.6%
		13. Computer Programmer/ Computer Operator	1	1.6%
		C. Communication & Media:		
		19. Photographer or Lithographer	1	1.6%
		20. Recordings:	1	1.6%
		21. Radio - all positions	2	3.3%
		D. Construction:		
		25. Architects, drafting & blueprinting	1	1.6%
		26. Engineers: civil, electrical, & mechanical	2	3.3%
		28. Painter	1	1.6%
		30. Electrician	1	1.6%
		33. Welder	2	3.3%
		E. Services Related to Consumers/Homemakers, incl. educational & social agencies		
		40. Food product dev., testing & delivery	1	1.6%
		43. Teaching - all positions	5	8.2%
		44. Family & Community Services:	2	3.3%
		H. Health Occupations:		
		52. MD, DDS, Psychologists & Pharmacists	2	3.3%
		53. Nurse - RN	3	4.9%
		54. Nurse - LPN	2	3.3%
		57. Other	2	3.3%
		M. Personal Service:		
		74. Beauticians & Barbers	1	1.6%
		N. Transportation		
		77. Truckdrivers/trucking	1	1.6%
		79. Maintenance:	2	3.3%

continued

Variable #	Category/Question	Response	Total # Responses	% of Total Responses
5 cont'd	Occupation fields/career preference	OTHER:		
		90. Librarians	1	1.6%
		93. Occupation choice not listed	1	1.6%
		94. Undecided	4	6.6%
		Other #'s assigned:		
		E-96.	1	1.6%
		A-1.	2	3.3%
		B-2.	1	1.6%
		H-5.	1	1.6%
		K-7.	1	1.6%
		N-8.	1	1.6%
		OH-9.	1	1.6%
			61T	99.4%
6	Education programs/probable enrollment	COLLEGE TRANSFER PROGRAMS:		
		2. A.A. - Art	3	5.3%
		7. A.S. - Business Admin.	3	5.3%
		8. A.S. - Business Education	1	1.7%
		10. A.S. - Elementary Education	5	8.8%
		11. A.S. - Health, Phys. Ed. & Recreation	2	3.5%
		12. A.S. - Math or Physical Sci.	1	1.7%
		15. A.S. - Pre-Engineering	1	1.7%
		17. A.S. - Pre-Med	4	7.0%
		19. A.S. - Secondary Education	1	1.7%
		CAREER EDUCATION (2-year progs.)		
		22. A.S. - Computer Sci. Tech.	2	3.5%
		24. A.S. - Electrical/Electronics Technology	4	7.0%
		28. A.S. - Mechanical Eng. Option	1	1.7%
		29. A.S. - Nuclear Eng. Option	1	1.7%
		31. A.S. - Gen. Business Admin.	1	1.7%
		34. A.S. - Mgt. & Supervision Technology	2	3.5%

continued

Variable #	Category/Question	Response	Total # Responses	% of Total Responses
6 cont'd	Education programs/probable enrollment	CAREER EDUCATION (2-year progs.)		
		37. A.S. - Police Sci. & Criminology	1	1.7%
		39. A.S. - Secretarial Science	2	3.5%
		CAREER EDUCATION (1-year progs.)		
		40. Certificate - Design & drafting	3	5.3%
		41. Certif. - Electronics Tech.	1	1.7%
		42. Certif. - Gen. Clerical	2	3.5%
		45. Radiologic Tech.	1	1.7%
		46. Nursing Tech.	4	7.0%
		48. Program choice not listed:	5	8.8%
		49. Undecided	6	10.5%
			57T	99.5%
7	What is the highest level of postsecondary education that you expect to complete after high school?	1. None beyond high school	7	11%
		2. Less than 1-yr. prog.	4	6%
		3. 1-year program	8	12%
		4. 2-year program	4	6%
		5. 4-year program	14	22%
		6. Graduate or professional degree	10	16%
		7. Undecided	17	27%
			64T	100%
8	If you plan to continue your education after high school, will you attend:	1. Part-time	11	18%
		2. Full-time	34	56%
		3. Undecided	16	26%
			61T	100%

continued

Variable #	Category/Question	Response	Total # Responses	% of Total Responses
9	If you plan to continue your education after high school, will you attend:	1. Adult progs. at local high school	-	-
		2. Vocational or business school	14	24%
		3. Junior or community college	5	9%
		4. Technical institute	6	10%
		5. 4-year college/univ.	21	36%
		6. Undecided	12	21%
			58T	100%
10	Do you plan to attend Roane State Community College after finishing high school?	1. Yes	3	5%
		2. No	57	89%
		3. Undecided	4	6%
			64T	100%
11	If so, will you attend during the	1. Day	7	47%
		2. Evening	2	13%
		3. Both	-	-
		4. Undecided	6	40%
			15T	100%
12	Which one of the following factors would be the most important to you in choosing a college or university?	1. Cost of attending	11	20%
		2. Size of institution	3	5%
		3. Academic reputation	17	30%
		4. Location	14	25%
		5. Social/cultural reputation	5	9%
		6. Other	6	11%
			56T	100%
13	What is your best estimate of your parents' (guardians') combined income before taxes?	1. Below $3,000	-	-
		2. $3,001-$6,000	7	12%
		3. $6,001-$7,500	3	5%
		4. $7,501-$9,000	6	11%
		5. $9,001-$12,000	7	12%
		6. $12,001-$15,000	5	9%
		7. $15,001-$20,000	8	14%
		8. + $20,001	5	9%
		9. Don't know	16	28%
			57T	100%

Variable #	Category/Question	Response	Total # Responses	% of Total Responses
14	Will you apply for financial assistance if you continue your education?	1. Yes	30	50%
		2. No	18	30%
		3. Undecided	12	20%
			60T	100%
15-22	Through which of the following have you heard about RSCC? (Mark all that apply)	1. Newspaper	9	7%
		2. RSCC publications	19	15%
		3. Radio	4	3%
		4. H.S. Counselor or Teacher	35	27%
		5. Friends	31	24%
		6. RSCC representative	13	10%
		7. Other	11	9%
		8. Never heard of RSCC	6	5%
			128T	100%
23	Have you ever heard the weekly RSCC radio programs?	1. Yes	-	-
		2. No	60	100%
			60T	100%
24.	What is your personal opinion of RSCC's reputation?	1. Excellent	4	13%
		2.	7	23%
		3. Average	17	55%
		4.	1	3%
		5. Poor	2	6%
			31T	100%

APPENDIX C

OAKDALE HIGH SCHOOL RESPONSE TABULATIONS

Variable #	Category/Question	Response	Total # Responses	% of Total Responses
1	Sex	1. Female	19	61%
		2. Male	12	39%
			31T	100%
2	How well do you think your high school prepared you for your occupation after high school or to continue your education after high school?	1. Very well	3	10%
		2.	5	16%
		3. Average	22	71%
		4.	1	3%
		5. Very poorly	-	-
			31T	100%
3	What are your plans after finishing high school?	1. Work full-time, no further education	6	19%
		2. Continued education full-time, no job	4	13%
		3. Combine education & work	16	52%
		4. Marriage with no plans for a job or more ed.	-	-
		5. Military service	1	3%
		6. Undecided or other	4	13%
			31T	100%
4	What person has been most influential in your plans for after high school?	1. Parent(s) or relative(s)	15	48%
		2. Friend(s)	4	13%
		3. H. S. Teacher(s)	3	10%
		4. H. S. Councelor(s)	-	-
		5. No One	9	29%
			31T	100%
5	Occupation fields/career preference	P. Business & Office:		
		5. Accountants	2	6.4%
		8. Sec'y - Stenographer	3	9.7%
		9. Clerical	1	3.2%
		13. Computer Programmer/ Operator	1	3.2%

continued

Variable #	Category/Question	Response	Responses	Responses
5 cont'd	Occupation fields/career preference	C. Communications & Media:		
		19. Photographer or Lithographer	1	3.2%
		D. Construction:		
		25. Architects, drafting & blueprinting	1	3.2%
		26. Engineers: civil, electrical, & mechanical	1	3.2%
		32. Metal worker	1	3.2%
		33. Welder	2	6.4%
		37. Equipment Operators	2	6.4%
		E. Services Related to Consumers & Homemakers, incl. education & social agencies		
		41. Clothing Apparel & textile industry:	1	3.2%
		F. Environment:		
		48. Environmental Health Services:	1	3.2%
		H. Health Occupations:		
		55. Med. & Dental Asst.	1	3.2%
		O. Public Service & Related Occupations:		
		87. Legal Services:	1	3.2%
		93. Occupational Choice Not Listed	3	9.7%
		94. Undecided	9	29.0%
			31T	99.6%
6	Education programs/probable enrollment	COLLEGE TRANSFER PROGRAMS:		
		1. A.A.-General	2	6.9%
		5. A.S.-General	2	6.9%
		7. A.S.-Business Admin.	1	3.4%
		8. A.S.-Business Ed.	1	3.4%
		11. A.S.-Health, Phys. Ed. & Recreation	2	6.9%

continued

Variable #	Category/Question	Response	Total # Responses	% of Total Responses
6 cont'd	Education programs/probable enrollment	COLLEGE TRANSFER PROGRAMS:		
		12. A.S.-Math or Phys. Sci.	1	3.4%
		13. A.S.-Music Ed.	1	3.4%
		16. A.S.-Pre-Law	1	3.4%
		17. A.S.-Pre-Med	1	3.4%
		CAREER EDUCATION (2-yr. progs.)		
		21. A.S.-Accounting Tech.	1	3.4%
		25. A.S.-Chemical Engineering Option	1	3.4%
		28. A.S.-Mechanical Engineering Option	1	3.4%
		31. A.S.-Gen. Business Admin.	1	3.4%
		Program Choice Not Listed	3	10.3%
		Undecided	6	20.7%
		Other No.'s Assigned:		
		74.	1	3.4%
		94.	3	10.3%
			29T	99.4%
7	What is the highest level of postsecondary education that you expect to complete after high school?	1. None beyond high school	6	19%
		2. Less than 1-yr. prog.	1	3%
		3. 1-year program	-	-
		4. 2-year program	6	19%
		5. 4-year program	8	26%
		6. Graduate or professional degree	1	3%
		7. Undecided	9	30%
			31T	100%
8	If you plan to continue your education after high school, will you attend:	1. Part-time	6	21%
		2. Full-time	15	54%
		3. Undecided	7	25%
			28T	100%

continued

Variable #	Category/Question	Response	Responses	Responses
9	If you plan to continue your education after high school, will you attend:	1. Adult programs at local high school	-	-
		2. Vocational or business school	4	13%
		3. Junior or community college	13	44%
		4. Technical institute	1	3%
		5. 4-year college or university	4	13%
		6. Undecided	7	24%
		7. (Other)	1	3%
			30T	100%
10	Do you plan to attend Roane State Community College after finishing high school?	1. Yes	7	23%
		2. No	15	48%
		3. Undecided	9	29%
			31	100%
11	If so, will you attend during the	1. Day	12	50%
		2. Evening	2	8%
		3. Both	3	13%
		4. Undecided	7	29%
			24	100%
12	Which one of the following factors would be the most important to you in choosing a college or university?	1. Cost of attending	7	23%
		2. Size of institution	2	7%
		3. Academic reputation	3	10%
		4. Location	12	40%
		5. Social/cultural reputation	1	3%
		6. Other	5	17%
			30	100%
13	What is your best estimate of your parents' (guardians') combined income before taxes?	1. Below $3,000/yr.	-	-
		2. $3,001-$6,000	3	10%
		3. $6,001-$7,500	1	3%
		4. $7,501-$9,000	6	20%
		5. $9,001-$12,000	4	14%
		6. $12,001-$15,000	3	10%
		7. $15,001-$20,000	1	3%

continued

Variable #	Category/Question	Response	Total # Responses	% of Total Responses
13 cont'd	What is your best estimate of your parents' (guardians') combined income before taxes?	8. + $20,001	-	-
		9. Don't know	12	40%
			30	100%
14	Will you apply for financial assistance if you continue your education?	1. Yes	13	42%
		2. No	4	13%
		3. Undecided	14	45%
			31T	100%
15-22	Through which of the following have you heard about RSCC? (Mark all that apply)	1. Newspaper	18	15%
		2. RSCC publications	19	16%
		3. Radio	12	10%
		4. H.S. Counselor or Teacher	20	17%
		5. Friends	26	23%
		6. RSCC representative	19	16%
		7. Other	3	3%
		8. Never heard of RSCC	-	
			117T	100%
23	Have you ever heard the weekly RSCC radio programs?	1. Yes	2	6%
		2. No	29	94%
			31T	100%
24	What is your personal opinion of RSCC's reputation?	1. Excellent	4	15%
		2.	4	15%
		3. Average	18	70%
		4.	-	-
		5. Poor	-	-
			26T	100%

APPENDIX D

SUNBRIGHT HIGH SCHOOL RESPONSE TABULATIONS

Variable #	Category/Question	Response	Total # Responses	% of Total Responses
1	Sex	1. Female	25	52%
		2. Male	22	46%
		3. (Other)	1	2%
			48T	100%
2	How well do you think your high school prepared you for your occupation after high school or to continue your education after high school?	1. Very well	-	-
		2.	6	13%
		3. Average	37	77%
		4.	4	8%
		5. Very poorly	1	2%
			48T	100%
3	What are your plans after finishing high school?	1. Work full-time; no further education	16	34%
		2. Continue education full-time; no job	3	6%
		3. Combine education & work	16	34%
		4. Marriage with no plans for a job or more education	-	-
		5. Military Service	3	6%
		6. Undecided or Other	10	20%
			48T	100%
4	What person has been most influential in your plans for after high school?	1. Parent(s) or relatives(s)	23	48%
		2. Friend(s)	8	17%
		3. H. S. teacher(s)	-	-
		4. H. S. counselor(s)	-	-
		5. No One	17	35%
			48T	100%
5	Occupational fields/career preference	A. Agri-Business & Natural Resources:		
		1. Farmers & Farm Managers:	1	2.1%
		2. Land & Water Mgt.:	3	6.2%
		4. Mining & Quarrying:	2	4.2%

continued

Variable #	Category/Question	Response	Total # Responses	% of Total Responses
5 cont'd	Occupational fields/career preference	B. Business & Office:		
		5. Accountants	1	2.1%
		9. Clerical	1	2.1%
		11. Office Machine Operator	2	4.2%
		13. Computer Programmer/ Computer Operator	1	2.1%
		D. Construction:		
		27. Carpenter	1	2.1%
		33. Welder	1	2.1%
		E. Services Related to Consumers & Homemakers incl. educational & social agencies:		
		42. Child Care & Guidance:	1	2.1%
		G. Fine Arts/Humanities:		
		50. Entertainers:	1	2.1%
		H. Health Occupations:		
		53. Nurse - RN	2	4.2%
		54. Nurse - LPN	1	2.1%
		57. Other H.S. Workers	1	2.1%
		L. Marketing & Distribution:		
		70. Advertisement Management & Writing	1	2.1%
		M. Personal Services:		
		74. Beauticians & Barbers	1	2.1%
		N. Transportation:		
		79. Maintenance:	2	4.2%
		81. Aerospace Transportation:	3	6.2%
		O. Public Service/Related:		
		86. Police & Firemen	2	4.2%
		P.88. Housewife:	1	2.1%
		Occupation Choice Not Listed:		
		93.	2	4.2%
		94. Undecided	14	29.2%

continued

Variable #	Category/Question	Response	Total # Responses	% of Total Responses
5 cont'd	Occupational fields/career preference	Other #'s Assigned:		
		H-5	1	2.1%
		J-6	1	2.1%
		N-8	1	2.1%
			48T	100.4%
6	Educational Programs/Probable Enrollment	COLLEGE TRANSFER PROGRAMS:		
		1. A.A.-General	1	2.3%
		2. A.A.-Art	2	4.5%
		3. A.A.-Music	1	2.3%
		5. A.S.-General	1	2.3%
		6. A.S.-Art Education	1	2.3%
		8. A.S.-Business Education	3	6.8%
		10. A.S.-Elementary Education	1	2.3%
		11. A.S.-Health, Phys. Ed. & Recreation	2	4.5%
		13. A.S.-Music Education	1	2.3%
		15. A.S.-Pre-Engineering	1	2.3%
		CAREER EDUCATION (2-year prog.)		
		22. A.S.-Computer Science Tech.	1	2.3%
		24. A.S.-Electrical & Electronics Technology	1	2.3%
		26. A.S.-Civil Engineering Option	1	2.3%
		28. A.S.-Mechanical Engineering Option	2	4.5%
		31. A.S.-Gen. Business Admin.	1	2.3%
		33. A.S.-Hotel/Motel/Restaurant Mgt.	2	4.5%
		35. A.S.-Medical Records Tech.	3	6.8%
		37. A.S.-Police Science & Criminology	2	4.5%
		38. A.S.-Recreation Mgt. & Admin. Technology	1	2.3%
		CAREER EDUCATION (1-year prog.)		
		46. Nursing Technology	3	6.8%
		48. Program Choice Not Listed:	7	15.9%

continued

Variable #	Category/Question	Response	Total # Responses	% of Total Responses
6 cont'd	Educational programs/probable enrollment	49. Undecided	4	9.1%
		Other #'s Assigned:		
		93.	1	2.3%
		94.	1	2.3%
			44T	100.1%
7	What is the highest level of postsecondary education that you expect to complete after high school?	1. None beyond high school	13	28%
		2. Less than 1-yr. program	3	6%
		3. 1-yr. program	4	8%
		4. 2-yr. program	7	15%
		5. 4-yr. program	4	8%
		6. Graduate or professional degree	2	4%
		7. Undecided	15	31%
			48T	100%
8	If you plan to continue your education after high school, will you attend:	1. Part-time	10	21%
		2. Full-time	10	21%
		3. Undecided	27	56%
		4. (Other)	1	2%
			48T	100%
9	If you plan to continue your education after high school, will you attend:	1. Adult programs at local high school	-	-
		2. Vocational or business school	12	26%
		3. Junior or community college	7	15%
		4. Technical institute	3	6%
		5. 4-year college or university	7	15%
		6. Undecided	18	38%
			47T	100%
10	Do you plan to attend Roane State Community College after finishing high school?	1. Yes	2	4%
		2. No	32	66%
		3. Undecided	14	30%
			48T	100%

Variable #	Category/Question	Response	Total # Responses	% of Total Responses
11	If so, will you attend during the	1. Day	6	26%
		2. Evening	1	4%
		3. Both	-	-
		4. Undecided	16	70%
			23T	100%
12	Which one of the following factors would be the most important to you in choosing a college or university?	1. Cost of attending	20	49%
		2. Size of institution	4	10%
		3. Academic reputation	2	5%
		4. Location	10	25%
		5. Social/cultural reputation	1	2%
		6. Other	3	7%
		9. Another response	1	2%
			41T	100%
13	What is your best estimate of your parents' (guardians') combined income before taxes?	1. Below $3,000/yr.	3	7%
		2. $3,001-$6,000	9	20%
		3. $6,001-$7,500	2	5%
		4. $7,501-$9,000	1	2%
		5. $9,001-$12,000	4	9%
		6. $12,001-$15,000	1	2%
		7. $15,001-$20,000	5	11%
		8. + $20,001	-	-
		9. Don't know	19	44%
			44T	100%
14	Will you apply for financial assistance if you continue your education?	1. Yes	25	54%
		2. No	3	7%
		3. Undecided	17	37%
		4. (Other)	1	2%
			46T	100%
15-22	Through which of the following have you heard about RSCC? (Mark all that apply)	1. Newspaper	12	13%
		2. RSCC publications	10	11%
		3. Radio	7	8%
		4. H. S. Counselor or teacher	23	24%

continued

Variable #	Category/Question	Response	Total # Responses	% of Total Responses
15-22 cont'd		5. Friends	23	24%
		6. RSCC representative	6	6%
		7. Other	4	4%
		8. Never heard of RSCC	9	10%
			94T	100%
23	Have you ever heard the weekly RSCC radio programs?	1. Yes	5	11%
		2. No	42	89%
			47T	100%
24	What is your personal opinion of RSCC's reputation?	1. Excellent	2	10%
		2.	11	52%
		3. Average	7	33%
		4.	1	5%
		5. Poor	-	-
			21T	100%

APPENDIX E

CENTRAL HIGH SCHOOL RESPONSE TABULATIONS
Wartburg

Variable #	Category/Question	Response	Total # Responses	% of Total Responses
1	Sex			
		1. Female	30	48%
		2. Male	33	52%
			63T	100%
2	How well do you think your high school prepared you for your occupation after high school or to continue your education after high school?			
		1. Very well	4	6%
		2.	14	23%
		3. Average	36	57%
		4.	5	8%
		5. Very poorly	4	6%
			63T	100%
3	What are your plans after finishing high school?			
		1. Work full-time, no further education	16	25%
		2. Continue education full-time, no job	6	10%
		3. Combine education & work	29	46%
		4. Marriage with no plans for a job or more education	2	3%
		5. Military service	3	5%
		6. Undecided or Other	7	11%
			63T	100%
4	What person has been most influential in your plans for after high school?			
		1. Parent(s) or relative(s)	21	33%
		2. Friend(s)	8	13%
		3. H. S. Teacher(s)	4	6%
		4. H. S. Counselor(s)	2	3%
		5. No One	28	45%
			63T	100%
5	Occupational Fields/Career Preference:	A. Agri-Business & Natural Resources:		
		2. Land & Water Mgt.:	3	4.8%
		3. Petroleum & Related Prods.	1	1.6%
		4. Mining & Quarrying:	1	1.6%
		B. Business & Office:		
		5. Accountants	5	8.1%
		7. Bookkeeper	2	3.2%

continued

Variable #	Category/Question	Response	Total # Responses	% of Total Responses
5 cont'd	Occupational Fields/Career Preference:	B. Business & Office:		
		8. Sec'y - Stenographer	4	6.4%
		9. Clerical	2	3.2%
		13. Computer Programmer/ Computer Operator	1	1.6%
		C. Communications & Media:		
		16. Graphic Arts:	1	1.6%
		22. TV - all positions	1	1.6%
		D. Construction:		
		30. Electrician	3	4.8%
		32. Metal worker	1	1.6%
		33. Welder	2	3.2%
		37. Equipment operators	3	4.8%
		38. Interior Design, Decorating & Furnishing	1	1.6%
		E. Services Related to Consumers & Homemakers, incl. educational & social agencies:		
		43. Teaching: all positions	1	1.6%
		G. Fine Arts/Humanities:		
		50. Entertainers:	2	3.2%
		H. Health Occupations:		
		53. Nurse - RN	2	3.2%
		54. Nurse - LPN	3	4.8%
		J. Manufacturing - all products:		
		63. Machine Operators	2	3.2%
		65. Maintenance	1	1.6%
		M. Personal Service:		
		74. Beauticians & Barbers	1	1.6%
		N. Transportation:		
		79. Maintenance:	2	3.2%
		O. Public Service/Related Occups.		
		84. Military Science	2	3.2%
		P.88. Housewife	2	3.2%

continued

Variable #	Category/Question	Response	Total # Responses	% of Total Responses
5 cont'd	Occupational Fields/Career Preference	OTHER:		
		94. Undecided	12	19.3%
		Other #'s Assigned:		
		B-2	1	1.6%
			62T	99.4%
6	Educational Programs/Probable Enrollment	COLLEGE TRANSFER PROGRAMS:		
		2. A.A.-Art	4	6.9%
		3. A.A.-Music	1	1.7%
		7. A.S.-Business Admin.	3	5.2%
		8. A.S.-Business Education	2	3.4%
		9. A.S.-Chemistry	1	1.7%
		11. A.S.-Health, Phys. Ed. & Recreation	2	3.4%
		13. A.S.-Music Education	1	1.7%
		15. A.S.-Pre-Engineering	2	3.4%
		17. A.S.-Pre-Med	1	1.7%
		CAREER EDUCATION (2-yr. progs.)		
		21. A.S.-Accounting Technology	3	5.2%
		24. A.S.-Electrical & Electronics Technology	3	5.2%
		27. A.S.-Electrical Eng. Option	1	1.7%
		28. A.S.-Mechanical Eng. Option	3	5.2%
		32. A.S.-General Clerical	3	5.2%
		36. A.S.-Operating Eng. Tech.	1	1.7%
		37. A.S.-Police Science & Criminology	2	3.4%
		39. A.S.-Secretarial Science	3	5.2%
		CAREER EDUCATION (1-yr. progs.)		
		41. Certificate - Electronics Technology	1	1.7%
		42. Certif. - General Clerical	1	1.7%
		46. Nursing Technology	2	3.4%
		47. Medical Lab Technician	1	1.7%
		48. Program Choice Not Listed:	2	3.4%
		49. Undecided:	12	20.7%

continued

Variable #	Category/Question	Response	Total # Responses	% of Total Responses
6 cont'd	Educational Programs/Probable Enrollment	Other #'s Assigned:		
		56.	1	1.7%
		94.	2	3.4%
			58T	99.6%
7	What is the highest level of postsecondary education that you expect to complete after high school?	1. None beyond High School	12	19%
		2. Less than 1-yr. program	5	8%
		3. 1-year degree program	8	13%
		4. 2-year degree program	4	6%
		5. 4-year degree program	7	11%
		6. Graduate or professional degree	4	6%
		7. Undecided	23	37%
			63T	100%
8	If you plan to continue your education after high school, will you attend:	1. Part-time	23	38%
		2. Full-time	16	26%
		3. Undecided	22	36%
			61T	100%
9	If you plan to continue your education after high school, will you attend:	1. Adult programs at local high school	-	-
		2. Vocational or business school	20	35%
		3. Junior or community college	4	7%
		4. Technical institute	2	3%
		5. 4-year college or university	11	19%
		6. Undecided	21	36%
			58T	100%
10	Do you plan to attend Roane State Community College after finishing high school?	1. Yes	5	8%
		2. No	39	64%
		3. Undecided	17	28%
			61T	100%
11	If so, will you attend during the	1. Day	9	26%
		2. Evening	5	15%
		3. Both	1	3%
		4. Undecided	19	56%
			34T	100%

Variable #	Category/Question	Response	Total # Responses	% of Total Responses
12	Which one of the following factors would be the most important to you in choosing a college or university?	1. Cost of attending	17	29%
		2. Size of institution	3	5%
		3. Academic reputation	15	26%
		4. Location	16	28%
		5. Social/cultural reputation	3	5%
		6. Other	4	7%
			58T	100%
13	What is your best estimate of your parents' (guardians') combined income before taxes?	1. Below $3,000/yr.	1	2%
		2. $3,001-$6,000	5	8%
		3. $6,001-$7,500	3	5%
		4. $7,501-$9,000	2	3%
		5. $9,001-$12,000	4	7%
		6. $12,001-$15,000	3	5%
		7. $15,001-$20,000	2	3%
		8. + $20,001	4	7%
		9. Don't know	37	60%
			61T	100%
14	Will you apply for financial aid if you continue your education?	1. Yes	24	41%
		2. No	12	20%
		3. Undecided	22	38%
		7. (Other indicated)	1	1%
			59T	100%
15-22	Through which of the following have you heard about RSCC? (Mark all that apply)	1. Newspaper	20	14%
		2. RSCC publications	18	12%
		3. Radio	13	9%
		4. H.S. Counselor or teacher	31	21%
		5. Friends	35	24%
		6. RSCC representative	15	10%
		7. Other	5	4%
		8. Never heard of RSCC	8	6%
			145T	100%

Variable #	Category/Question	Response	Total # Responses	% of Total Responses
23	Have you ever heard the weekly RSCC radio programs?	1. Yes	5	8%
		2. No	58	92%
			63T	100%
24	What is your personal opinion of RSCC's reputation?	1. Excellent	3	8%
		2.	9	25%
		3. Average	22	61%
		4.	-	-
		5. Poor	2	6%
			36T	100%

APPENDIX F

SCOTT HIGH SCHOOL RESPONSE TABULATIONS

Variable #	Category/Response	Response	Total # Responses	% of Total Responses
1	Sex	1. Female	45	56%
		2. Male	35	44%
			80T	100%
2	How well do you think your high school prepared you for your occupation after high school or to continue your education after high school?	1. Very well	15	20%
		2.	7	9%
		3. Average	45	58%
		4.	3	4%
		5. Very poorly	7	9%
			77T	100%
3	What are your plans after finishing high school?	1. Work full-time, no further education	20	25%
		2. Continue education full-time, no job	6	8%
		3. Combine education & work	24	30%
		4. Marriage with no plans for a job or more education	4	5%
		5. Military service	2	3%
		6. Undecided or Other	23	29%
			79T	100%
4	What person has been most influential in your plans for after high school?	1. Parent(s) or relative(s)	46	58%
		2. Friend(s)	3	4%
		3. H. S. Teacher(s)	3	4%
		4. H. S. Counselor(s)	1	1%
		5. No One	26	33%
			79T	100%
5	Occupational Fields/Career Preference:	A. Agri-Business & Natural Resources		
		1. Farmers & Farm Managers:	1	1.4%
		2. Land & Water Mgt.:	4	5.6%
		4. Mining & Quarrying:	1	1.4%
		B. Business & Office:		
		5. Accountants	2	2.8%
		7. Bookkeeper	2	2.8%
		8. Sec'y - Stenographer	6	8.4%

continued

Variable #	Category/Question	Response	Total # Responses	% of Total Responses
5 cont'd	Occupational Fields/Career Preference	B. Business & Office:		
		9. Clerical	2	2.8%
		C. Communications & Media:		
		17. Newspaper/Printing:	1	1.4%
		23. Data Transmission	1	1.4%
		D. Construction:		
		27. Carpenter	1	1.4%
		33. Welder	1	1.4%
		38. Interior Design, Decorating & Furnishing	2	2.8%
		E. Services Related to Consumers & Homemakers, incl. educational & social agencies;		
		43. Teaching - all positions	3	4.2%
		G. Fine Arts/Humanities		
		50. Entertainers:	1	1.4%
		H. Health Occupations:		
		53. Nurse - RN	3	4.2%
		54. Nurse - LPN	3	4.2%
		55. Med. & Dental Asst.	1	1.4%
		57. Other:	1	1.4%
		K. Marine Science:		
		67. Fishing & Fisheries	2	2.8%
		M. Personal Services:		
		74. Beauticians & Barbers	5	7.0%
		N. Transportation:		
		77. Truckdrivers & Trucking:	1	1.4%
		79. Maintenance:	5	7.0%
		81. Aerospace Transportation:	1	1.4%
		R88. Housewife	1	1.4%
		93. Occupational Choice Not Listed:	5	7.0%
		94. Undecided:	9	12.7%

continued

Variable #	Category/Question	Response	Total # Responses	% of Total Responses
5 cont'd	Occupational Fields/Career Preference	Other #'s Assigned:		
		D-95	2	2.8%
		B-2	1	1.4%
		J-6	2	2.8%
		N-8	1	1.4%
			71T	99.5%
6	Educational Programs/Probable Enrollment	COLLEGE TRANSFER PROGRAMS:		
		1. A.A.-General	1	1.7%
		2. A.A.-Art	3	5.1%
		4. A.A.-Pre-Law	1	1.7%
		7. A.S.-Business Admin.	3	5.1%
		8. A.S.-Business Ed.	2	3.4%
		9. A.S.-Chemistry	2	3.4%
		10. A.S.-Elementary Ed.	1	1.7%
		11. A.S.-Health, Phys. Ed. & Recreation	5	8.5%
		15. A.S.-Pre-Engineering	2	3.4%
		20. A.S.-Technology	1	1.7%
		CAREER EDUCATION (2-yr. prog.)		
		21. A.S.-Accounting Tech.	1	1.7%
		24. A.S.-Electrical & Electronics Technology	1	1.7%
		28. A.S.-Mechanical Engineering Option	2	3.4%
		32. A.S.-General Clerical	4	6.8%
		37. A.S.-Police Sci. & Criminology	2	3.4%
		CAREER EDUCATION (1-yr. prog.)		
		40. Certif. - Design & Drafting	1	1.7%
		42. Certif. - General Clerical	2	3.4%
		44. Mining & Water/Waste Water Tech.	3	5.1%
		45. Radiologic Tech.	1	1.7%
		46. Nursing Tech.	3	5.1%
		47. Medical Lab Technician	2	3.4%
		48. Program Choice Not Listed:	1	1.7%

Variable #	Category/Question	Response	Total # Responses	% of Total Responses
6 cont'd	Educational Program/Probable Enrollment	49. Undecided	6	10.8%
		Other #'s Assigned:		
		54.	1	1.7%
		59.	1	1.7%
		93.	1	1.7%
		94.	3	5.1%
		99.	3	5.1%
			59T	100.9%
7	What is the highest level of postsecondary education that you expect to complete after high school?	1. None beyond high school	25	32%
		2. Less than 1-yr. prog.	3	4%
		3. 1-year program	5	6%
		4. 2-year program	5	6%
		5. 4-year program	7	9%
		6. Graduate or professional degree	8	10%
		7. Undecided	26	33%
			79T	100%
8	If you plan to continue your education after high school, will you attend:	1. Part-time	15	22%
		2. Full-time	23	33%
		3. Undecided	31	45%
			69T	100%
9	If you plan to continue your education after high school, will you attend:	1. Adult programs at local high school	-	-
		2. Vocational or business school	27	39%
		3. Junior or community college	2	3%
		4. Technical institute	2	3%
		5. 4-year college/university	13	18%
		6. Undecided	26	37%
			70T	100%
10	Do you plan to attend Roane State Community College after finishing high school?	1. Yes	-	-
		2. No	60	82%
		3. Undecided	13	18%
			73T	100%

Variable #	Category/Question	Response	Total # Responses	% of Total Responses
11	If so, will you attend during the	1. Day	4	13%
		2. Evening	-	-
		3. Both	3	9%
		4. Undecided	25	78%
			32T	100%
12	Which one of the following factors would be the most important to you in choosing a college or university?	1. Cost of attending	23	34%
		2. Size of institution	7	10%
		3. Academic reputation	17	25%
		4. Location	14	21%
		5. Social/cultural reputation	1	1%
		6. Other	6	9%
			68T	100%
13	What is your best estimate of your parents' (guardians') combined income before taxes?	1. Below $3,000/yr.	8	13%
		2. $3,001-$6,000	12	20%
		3. $6,001-$7,500	6	10%
		4. $7,501-$9,000	5	8%
		5. $9,001-$12,000	1	2%
		6. $12,001-$15,000	-	-
		7. $15,001-$20,000	-	-
		8. + $20,001	2	3%
		9. Don't know	27	44%
			61T	100%
14	Will you apply for financial assistance if you continue your education?	1. Yes	32	46%
		2. No	17	24%
		3. Undecided	21	30%
			70T	100%
15-22	Through which of the following have you heard about RSCC?	1. Newspaper	9	7%
		2. RSCC publications	15	11%
		3. Radio	9	7%
		4. H. S. Counselor or Teacher	41	31%
		5. Friends	26	19%
		6. RSCC representatives	17	13%
		7. Other	4	3%
		8. Never heard of RSCC	12	9%
			133T	100%

Variable #	Category/Question	Response	Total # Responses	% of Total Response
23	Have you ever heard the weekly RSCC radio programs?	1. Yes	7	10%
		2. No	63	90%
			70T	100%
24	What is your personal opinion of RSCC's reputation?	1. Excellent	6	17%
		2.	7	19%
		3. Average	18	50%
		4.	2	6%
		5. Poor	3	8%
			36T	100%

APPENDIX G

HIGH SCHOOL SENIOR SURVEY

(Please ignore bracketed numbers)

FOR COMPUTER USE

Cols.

Last Name, First, Initial [1-19] _____

Street Address or Rural Route [20-39] _____

City [40-55] _____

State [56-57] _____

High School Name _____

[58-59] [ ]

Zip Code [60-64] _____

Phone No. [65-72] _____

System [73] _____

County [74] _____

I.D. [75-78] _____

1 [80]

1. Sex _____Female _____Male 1. 1

2. How well do you think your high school prepared you for your occupation after high school or to continue your education after high school? 2. 2

1 very well 2 3 average 4 5 very poorly

3. What are your plans after finishing high school? (mark only one) 3. 3

_____Work full-time, no further education
_____Continue education full-time, no job
_____Combine education and work
_____Marriage with no plans for a job or more education
_____Military service
_____Undecided or Other

4. What person has been most influential in your plans for after high school? (mark only one) 4. 4

_____Parent(s) or relative(s)
_____Friend(s)
_____High School teacher(s)
_____High School counselor(s)
_____No one

5. Look at the occupational fields listed on attachment A, choose your career preference, and write the appropriate code number in the blank. _____ 5. 5-6

6. Look at the educational programs listed on attachment B. If you were to attend RSCC, in what program would you probably enroll? _____ 6. 7-8

7. What is the highest level of postsecondary education that you expect to complete after high school? 7. 9

_____None beyond high school
_____Less than one-year program
_____One-year degree program
_____Two-year degree program
_____Four-year degree program
_____Graduate or professional degree
_____Undecided

8. If you plan to continue your education after high school, will you attend: 8. 10

_____Part-time _____Full-time _____Undecided

9. If you plan to continue your education after high school, will you attend: 9. 11

_____Adult programs at local high school
_____A vocational or business school
_____A junior or community college
_____A technical institute
_____A four-year college/university
_____Undecided

10. Do you plan to attend Roane State Community College after finishing high school? _____Yes _____No _____Undecided 10. 12

(SEE BACK)

cols.

11. If so, will you attend during the 11. 13

_____Day _____Evening _____Both _____Undecided

12. Which one of the following factors would be the most important to you in choosing a college or university? (Mark only one) 12. 14

_____Cost of attending
_____Size of institution
_____Academic reputation
_____Location
_____Social/cultural reputation
_____Other_____

13. What is your best estimate of your parents' (guardians') combined income, before taxes? 13. 15

_____Below $3,000/yr.
_____$3,001-$6,000
_____$6,001-$7,500
_____$7,501-$9,000
_____$ 9,001-$12,000
_____$12,001-$15,000
_____$15,001-$20,000
_____ Over $20,001
_____ Don't know

14. Will you apply for financial assistance if you continue your education? 14. 16

_____Yes _____No _____Undecided

15. Through which of the following have you heard about RSCC? (Mark all that apply) 15. 17-24

_____Newspaper
_____RSCC publications (catalogue, brochures, etc.)
_____Radio
_____High school counselor or teacher
_____Friends
_____RSCC representative
_____Other (specify)_____
_____Never heard of RSCC

16. Have you ever heard the weekly RSCC radio programs? _____Yes _____No 16. 25

17. If so, what is your opinion of them?

18. What is your personal opinion of RSCC's reputation? (Leave blank if no opinion) 18. 26

1 Excellent 2 3 Average 4 5 Poor

19. Other Comments or Questions:

I.D. [75-78]

2 [80]

OCCUPATIONAL FIELDS RELATING TO CAREER CHOICES

You were asked to look at the occupational fields presented on this separate list. Please indicate your career preference by marking the code number for your occupational choice on the survey form.

To identify the number representing your career choice, proceed as follows:

A. Note Your Career Choice, For Example --	B. Find the Number Representing Your Career --
Secretary	#8, under Business and Office Occupations
Nurse - LPN	#54, under Health Occupations
Welder	#33, under Construction
Mechanic	#79, under Transportation
Librarian	#90, under Other Professions

If you cannot designate your career choice by using items in the occupational list, then mark Question 5 with No. 93, Occupational Choice Not Listed; and write down your occupational choice in the space provided on this sheet.

Mark No. 94 if Undecided.

A. AGRI-BUSINESS AND NATURAL RESOURCES
1. Farmers and Farm Managers, Incl. Horticulture and Greenhouses
2. Land and Water Management, Incl. Fisheries and Wildlife Forests, Parks, and Waterways Water Conservation and Hydro-Electric Power
3. Petroleum and Related Products -- All Positions
4. Mining and Quarrying -- All Positions

B. BUSINESS AND OFFICE OCCUPATIONS

Accounting
5. Accountants, Professional

Secretary -- Commercial
6. Office Supervision
7. Bookkeeper
8. Secretary-Stenographer
9. Clerical
10. Cashier
11. Office Machine Operator

Data Processing
12. Systems Analyst
13. Computer Programmer Computer Operator
14. Keypuncher
15. Maintenance

C. COMMUNICATIONS AND MEDIA

Publishing
16. Graphic Arts, Incl. Artists
17. Newspaper/Printing, Incl. Editors, Reporters, Printers
18. Commercial Art

Audio-Visual & Language
19. Photographer or Lithographer
20. Recordings, Incl. Electronic and Audio Systems

Broadcasting
21. Radio -- All Positions
22. T-V -- All Positions

Line Communications
23. Data Transmission -- All Positions
24. Telegraph and Telephone -- All Positions

D. CONSTRUCTION

Design
25. Architects, Drafting, and Blueprinting
26. Engineers: Civil, Electrical & Mechanical

Building-Construction Trades, Incl. Self-Employed & Workers
27. Carpenter
28. Painter
29. Plumber
30. Electrician
31. Roofer
32. Metal Worker
33. Welder
34. Masonry
35. Glass and Plastic

Contracting Operations
36. Office Operations, Incl. Estimating, Expediting, etc.
37. Equipment Operators

Beautification
38. Interior Design, Decoration, and Furnishing
39. Landscaping

E. SERVICES RELATED TO CONSUMERS AND HOMEMAKERS, INCL. EDUCATIONAL & SOCIAL AGENCIES
40. Food Product Development, Testing, and Delivery
41. Clothing Apparel and Textile Industry -- All Positions
42. Child Care and Guidance: Guidance in Public and Private Agencies
43. Teaching, Incl. School Administrators, Counselors, and Teachers
44. Family and Community Services; Public Housing, Consumer Counseling, Social Welfare, Family Planning
45. Institutional/Household Maintenance Services

F. ENVIRONMENT
46. Soil and Mineral Conservation and Control
47. Space and Atmospheric Monitoring and Control
48. Environmental Health Services: Research and Development of Community and Industrial Health Services
49. Control of Urban/Rural Man-made Environment

G. FINE ARTS AND HUMANITIES
50. Entertainers: Musicians, Actors, Athletes, and Other Performers
51. Creative Writing: Novelists, Short Story, etc.

H. HEALTH OCCUPATIONS
52. Doctors, Dentists, Pharmacists, and Psychologists
53. Nurse - RN
54. Nurse - LPN
55. Medical and Dental Assistant
56. Health Services Administrators
57. Other Health Service Workers

I. HOSPITALITY AND RECREATION
58. Hotel/Motel Occupations
59. Recreation Occupations, Incl. Providing for Worthy Use of Leisure Time
60. Restaurant Occupations

J. MANUFACTURING -- ALL PRODUCTS
61. Assembly Worker
62. Supervision and Product Development
63. Machine Operators
64. Inspectors
65. Maintenance
66. Manufacturers' Distribution and Marketing

K. MARINE SCIENCE OCCUPATIONS
67. Fishing and Fisheries
68. Shipbuilding and Offshore Mineral Development
69. Ships Officers, Sailors, and Hands

L. MARKETING AND DISTRIBUTION OCCUPATIONS
70. Advertisement Management and Writing
71. Retail or Wholesale Business: Dealers, Managers, Buyers, and Salesmen
72. Warehousing: Handling, Storage, and Shipment
73. Marketing Services: Finance, Credit, and Insurance

M. PERSONAL SERVICES OCCUPATIONS
74. Beauticians and Barbers
75. Domestic Service: Butler, Maid, Gardener
76. Mortuary Science

N. TRANSPORTATION
77. Truckdrivers and Trucking Occupations
78. Cab Drivers and Deliverymen
79. Maintenance: Auto and Truck Mechanics, Incl. Body Repairmen
80. Railway Occupations and Water Transport
81. Aerospace Transportation: Commercial Aviation, General Aviation
82. Pipeline Transmission

O. PUBLIC SERVICE AND RELATED OCCUPATIONS
83. Federal, State, and Local Agencies -- Not Agriculture and Natural Resources
84. Military Science
85. Postal Services
86. Police and Firemen
87. Legal Services: Judges and Lawyers

P. 88. HOUSEWIFE

OTHER PROFESSIONS: EXAMPLES
89. Clergy and Ministerial Services
90. Librarians
91. Research Workers, Non-specified
92. Statistician

OCCUPATIONAL CHOICE NOT LISTED
93. _____

94. Undecided

RSCC EDUCATIONAL PROGRAMS

COLLEGE TRANSFER PROGRAMS:

1. Associate of Arts - General
2. Associate of Arts - Art
3. Associate of Arts - Music
4. Associate of Arts - Pre-Law
5. Associate of Science - General
6. Associate of Science - Art Education
7. Associate of Science - Business Administration
8. Associate of Science - Business Education
9. Associate of Science - Chemistry
10. Associate of Science - Elementary Education
11. Associate of Science - Health, Physical Education, and Recreation
12. Associate of Science - Mathematics or Physical Science
13. Associate of Science - Music Education
14. Associate of Science - Pre-Dentistry
15. Associate of Science - Pre-Engineering
16. Associate of Science - Pre-Law
17. Associate of Science - Pre-Medicine
18. Associate of Science - Pre-Pharmacy
19. Associate of Science - Secondary Education
20. Associate of Science - Technology

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CAREER EDUCATION PROGRAMS (TWO-YEAR):

21. Associate of Science - Accounting Technology
22. Associate of Science - Computer Science Technology
23. Associate of Science - Dietetic Technology
24. Associate of Science - Electrical and Electronics Technology
    Associate of Science - Engineering Technology
25. Chemical Engineering Option
26. Civil Engineering Option
27. Electrical Engineering Option
28. Mechanical Engineering Option
29. Nuclear Engineering Option
30. Associate of Science - Fire Science Technology
31. Associate of Science - General Business Administration
32. Associate of Science - General Clerical
33. Associate of Science - Hotel-Motel-Restaurant Management
34. Associate of Science - Management and Supervision Technology
35. Associate of Science - Medical Records Technology
36. Associate of Science - Operating Engineering Technology
37. Associate of Science - Police Science and Criminology
38. Associate of Science - Recreation Management and Administration Technology
39. Associate of Science - Secretarial Science

CAREER EDUCATION PROGRAMS (ONE-YEAR):

40. Certificate - Design and Drafting
41. Certificate - Electronics Technology
42. Certificate - General Clerical
43. Certificate - Surveying

The following career education programs are not yet approved but are possibilities for the future:

44. Mining and Water/Waste-Water Technology
45. Radiologic Technology
48. Program choice not listed